



What's New in Clean Cities and the Alternative Fuels Data Center?

February 2005

Listed below are new publications and other information made available in February through the U.S. Department of Energy's (DOE) Alternative Fuels Data Center (AFDC). The AFDC is sponsored by Clean Cities in the Office of Energy Efficiency and Renewable Energy (EERE), and is managed by the National Renewable Energy Laboratory. For more information, or if you would like to subscribe to this monthly update, contact Wendy Dafoe at wendy_dafoe@nrel.gov, 303-275-4470.

This update is posted on the Web at
www.eere.energy.gov/cleancities/toolbox/current_cutting.html.

First issue of *Clean Cities Now* Available!

The first issue of *Clean Cities Now* is available at www.eere.energy.gov/cleancities/ccn/. Filled with coalition news, program news, industry news, success stories, EPA updates, international news, and feature stories, the newsletter's electronic format makes all the latest information available at the click of a button.

In this issue you'll find information on the recently issued SEP Special Projects Opportunity solicitation, a Pennsylvania success story about a CNG school bus fleet that has traveled more than 6 million miles, and a feature story on Paul Roberts, a speaker at the upcoming Clean Cities Conference.

Clean Cities News subscribers will continue to be notified with an e-mail when a new issue of *Clean Cities Now* is posted on the Web site.

If you are not receiving our e-mail notification and wish to do so, go to <http://www.eere.energy.gov/cleancities/ccn/subscribe.html> to sign up.

Conferences

Don't forget to register for the **2005 Clean Cities Conference** in Palm Springs, California, May 1-4. This year's speaker list includes:

- John Davis, the Emmy Award-winning producer, host, and creator of *MotorWeek*, a popular automotive series on PBS
- Jim Kenzie, Chief Auto Reviewer for the *Toronto Star* WHEELS section, and commentator on TSN's *Motoring 2004*, Canada's longest-running and most watched automotive television magazine
- Boone Pickens, Chairman Emeritus of Clean Energy, former Chairman and CEO of MESA Inc., and former Chairman of the Natural Gas Vehicle Coalition
- Paul Roberts, regular *Harper's* contributor and author of *The End of Oil*

For all the latest go to www.afvi.org/palmsprings/.

Funding

EERE recently issued the solicitation for the **2005 State Energy Program/Special Projects Opportunity**. Clean Cities categories for the solicitation are coalition support, school buses, heavy-duty hybrids, idle reduction, AFV fueling infrastructure, and AFV incremental costs. For more information visit www.eere.energy.gov/cleancities/financial.html.

In 2004 the FAA launched the **Voluntary Airport Low Emission Program (VALE)**, a national program to reduce airport ground emissions at commercial airports. The **Propane Education & Research Council** recently announced it would assist interested airports in developing VALE projects by providing technical assistance for propane engine fuel applications. For more information go to www.propanecouncil.org/industry/activities.cfm?id=63.

Web Sites

The **new E85 Fleet Toolkit** was designed to help fleet managers build E85 fueling infrastructure. The Web site provides information about fueling equipment and processes, E85 specifications, procedures for building a new station, procedures for converting existing equipment to be E85 compatible, how to manage risk and be successful, success stories, lessons learned, and contacts. There is an interactive bulletin board so that fleet managers can ask questions, and answers can be posted for all to see.

This work to develop this site was sponsored by EPAct, in cooperation with Clean Cities. www.eere.energy.gov/afdc/e85toolkit/

Check out the **AgDay TV coverage of the National Biodiesel Fuel Conference** in Fort Lauderdale February 1-3 at www.agweb.com/aims/video/biodiesel2005.asx. It includes a number of interviews and some interesting developments with agricultural machinery in the Midwest using biodiesel.

The **EPA Supplemental Environmental Projects (SEP) Toolkit** is now available at www.epa.gov/cleanenergy/stateandlocal/. The toolkit was created to help state and local governments pursue energy efficiency or renewable energy projects through enforcement settlements. It provides examples, ideas and a step-by-step road regulatory roadmap for pursuing SEPs.

The **Clean Cities Fuel Economy Web site** recently debuted. The site provides links to Web sites and publications with more information on the topic. Check it out at www.eere.energy.gov/cleancities/fuel_economy.html.

Check out the new success story, **Las Vegas Taxi Fleet Runs on Propane**, at www.eere.energy.gov/cleancities/progs/new_success_ddown.cgi?154. The story is about Yellow-Checker-Star Transportation, a company that has been using propane to fuel its taxi fleet for the last 21 years. Remember that success stories can be submitted anytime at www.eere.energy.gov/cleancities/submit_story.html.

A series of useful **technology overview fact sheets** are available on the FreedomCAR Web site. Published in 2003, as part of *Just the Basics* series, they still provide the basics on biodiesel, fuel cells, LPG, natural gas, and vehicle emissions and more. Check them out at www.eere.energy.gov/vehiclesandfuels/technologies/fcvt_basics.shtml.

Publications

Final Report: Investigation of the Future of Biodiesel in Tucson and Nogales, Sonora

This is the final report on the feasibility study done for biodiesel in the Nogales, Mexico region. The study was done in partnership with the Tucson, AZ Clean Cities Coalition.
www.u.arizona.edu/~nrattray/biodiesel/Biodiesel-Report.pdf

Safety Evaluation of the FuelMaker Home Refueling Concept: Final Report

Available on DOE's Natural Gas Vehicle Technology Forum Web site (www.nrel.gov/vehiclesandfuels/ngvtf/), this report details a safety evaluation of FuelMaker's "Phill" home refueling appliance.
www.nrel.gov/vehiclesandfuels/ngvtf/pdfs/36780.pdf

Clean Cities Around the World

This new fact sheet is an overview of Clean Cities International, including its background, successful activities, partnerships, accomplishments, and future plans. There is also a sidebar on Santiago, the first international Clean City.
www.eere.energy.gov/cleancities/international/pdfs/37174.pdf

Ending the Energy Stalemate

Recently published by the National Commission on Energy Policy, this report presents key findings from an intensive, three-year effort to develop consensus recommendations for future U.S. energy policy.
64.70.252.93/O82F4682.pdf

News

Arizona Schools to Use CNG Vehicles for Instruction

Arizona's Amphitheater Public Schools recently purchased two new compressed natural gas vehicles for use in student driving instruction. The district, with help from the Tucson Regional Clean Cities Coalition, also implemented a driver education curriculum that teaches young drivers about alternative fuels.
www.tucsoncitizen.com/index.php?page=local&story_id=030305a2_angamphi

The following news stories were recently posted on the Clean Cities Web site ([www.eere.energy.gov/cleancities/progs/afdc/more_news.cgi?cc\(0\)](http://www.eere.energy.gov/cleancities/progs/afdc/more_news.cgi?cc(0))):

- **Seeking 2005 National Partner Nominations**
Clean Cities is accepting nominations for the 2005 National Partner Awards through March 11, 2005. The awards, which will be presented at the 11th Annual Clean Cities Conference, are given in seven categories.
www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?cc|WHATS_NEW|378|0|0
- **Clean Cities recognized with Eye on Biodiesel Award**
The National Biodiesel Board (NBB) recently presented DOE's Clean Cities with an *Industry Partnership Award* at the 2005 Biodiesel Conference and Exposition in Ft. Lauderdale, Florida. The Industry Partnership Award is part of the Eye on Biodiesel Awards program, that recognizes individuals and groups who have significantly advanced the board's mission of public education and industry growth. For a list of all winners go to
www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?cc|WHATS_NEW|380|0|0
- **Biodiesel Grants Awarded to Several Deserving Projects**
The U.S. Department of Energy's Clean Cities and the United Soybean Board jointly funded grants that were awarded to several biodiesel projects. Over 60 applications were received requesting \$2.2 million of grant funds for projects totaling over \$7 million.
www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?cc|WHATS_NEW|376|0|0

- **Mazda's Hydrogen Vehicle Becomes Street Legal**
Japan's transport authorities recently gave Mazda permission to road test a hydrogen-fueled, rotary-engine version of its RX-8 sports car. The hydrogen-fueled RX-8 has a dual-fuel system that enables the driver to switch back and forth between hydrogen and gasoline. www.eere.energy.gov/cleancities/progs/afdc/ddown.cgi?cc|WHATS_NEW|381|0|0